

Claims

[c1] What is claimed is:

1. A communication apparatus comprising:
an encoding module for encoding a text message into a vibration signal, the text message comprising a plurality of text data, each of the text data respectively encoded into a corresponding vibration data of the vibration signal by the encoding module; and
a vibrating module electrically connected to the encoding module for vibrating correspondingly according to the vibration data of the vibration signal in sequence.

[c2] 2. The communication apparatus of claim 1 wherein the communication apparatus further comprises a communicating module electrically connected to the encoding module for receiving the text message from a communication network.

[c3] 3. The communication apparatus of claim 1 wherein the vibration of the vibrating module has a vibration frequency less than a frequency of a sound wave.

[c4] 4. The communication apparatus of claim 1 wherein the vibrating module comprises a vibrator that is capable of

vibrating in different frequencies for vibration.

- [c5] 5. The communication apparatus of claim 1 wherein the vibrating module comprises a plurality of vibrators, whereby different vibrators vibrating in different frequencies.
- [c6] 6. The communication apparatus of claim 5 wherein the vibrators are disposed in different positions of the communication apparatus.
- [c7] 7. The communication apparatus of claim 1 wherein the vibrating module performs vibrations in different time durations to distinguish different vibrating data.
- [c8] 8. The communication apparatus of claim 1 wherein when the vibrating module performs vibrations in different amplitudes of vibration to distinguish different vibrating data.
- [c9] 9. The communication apparatus of claim 2 wherein the communicating module is used to receive a radio signal.
- [c10] 10. The communication apparatus of claim 9 wherein the communication apparatus is a mobile phone.
- [c11] 11. The communication apparatus of claim 2 wherein the communication apparatus further comprises an input interface for receiving instructions input from a user and

generating a corresponding text signal which is transmitted to the communicating module afterward.

- [c12] 12. The communication apparatus of claim 2 wherein the communication apparatus further comprises:
a microphone for transforming sound waves to an electric audio signal; and
a speaker electrically connected to the communicating module for transforming an electric sound signal to a sound wave and broadcasting the sound wave;
wherein the communicating module is capable of transmitting the audio signal to the communication network and receiving the sound signal.